Fatalities in a Frontier State

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Montana – A Frontier State

• “Frontier counties” – 82% of counties in Montana

• 91% of business establishments have 1-19 employees!
In the beginning...

MONTANA NEWS
TOPICAL

Montana ranks No. 3 in the nation for deaths on the job
SAM WILSON swilson@billingsgazette.com  Jan 4, 2018
Montana workers died on the job at a higher rate than those in all but two other states during 2016, according to an annual report from the fe...
Surveillance Data – Fatalities Report

- Bureau of Labor Statistics – Census of Fatal Occupational Injuries (CFOI)
- Death Certificates

What information is useful for our state? What do people in Montana need to know?

How do we do the best with what we have?
Overview of Work-Related Fatalities in Montana

Areas of Prevention: Work-Related Fatalities in Montana
- Transportation-Related Fatalities
- Agriculture, Forestry, Fishing, and Hunting Industry
- Construction Industry
- Older Workers

Action Steps to Prevent Fatalities
- Seat Belt Use
- Speed – Drive for the Conditions
- All-Terrain Vehicles (ATVs)
- Distracted Driving
Work-Related Fatalities in Montana

Data Summary
Total Counts of Work-Related Fatalities in Montana, 2008-2016

The number of work-related fatalities in Montana increased from 28 deaths in 2014 to 36 in 2015. There were 38 worker deaths in Montana in 2016.

Rates of Work-Related Fatal Injuries per 100,000 Full-Time Workers in Montana, 2008-2016
Counts of Work-Related Fatalities by Event or Exposure of the Fatality

Event or Exposure: the manner in which the fatality was inflicted by the source of the fatality.
Note: Cases may not add up to the total fatality count for each year due to data availability.
Transportation-Related Fatalities

- Transportation incidents accounted for 50% of all worker deaths in Montana from 2004 to 2016.
Counts of Types of Transportation Incidents Resulting in Fatalities, Montana, 2015 and 2016

- Jackknife or overturn without a collision: 12
- Collision involving oncoming vehicle or vehicle in opposite direction: 7
- Collision between rail vehicle and roadway vehicle: 2
- Aircraft crash during takeoff or landing: 2

Source: Bureau of Labor Statistics Census of Fatal Occupational Injuries (types noted when available)

Jackknife or overturns without a collision killed the most workers in 2015 and 2016.
Counts of Work-Related Fatalities by Industry by Year in Montana, 2012-2016

Note: Cases may not add up to total fatality count due to availability of counts of fatalities by industry. This graph only shows industries with more than one worker death in the calendar year.
Agriculture Industry

• One-third of all worker deaths in Montana from 2012-2016 were in the Agriculture, Forestry, Fishing, & Hunting Industry.
  • Transportation incidents (44%)
    • 12 worker deaths in 2015 and 2016

• Contact with objects and equipment (24%)
  • 5 worker deaths in 2015 and 2016

Source: Vital Statistics
Action Steps

When you’re behind the wheel, driving is your ONLY JOB

Distractions often include:
- Texting
- Talking, using phone
- Listening to music, radio
- Adjusting heat, music, windows
- Reckless driving or speeding
- Sledding

IDENTIFY ALL DRIVER DISTRACTIONS
FIND WAYS TO ELIMINATE/MINIMIZE THEM
IMPLEMENT, MONITOR & REVIEW THEM

Seat Belt Use by County, 2012

Spread the word!
Don’t underestimate the utility of descriptive statistics.

When you have few resources, but an important message, your power lies in your connections and collaborations.
Thank you!

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Visit our program @
www.mtworkerhealth.com!